the CANNON

U of T Engineering Society
Vol. VI, No. 7

The Engineering Society presents an

ELECTION PUB

Time: *8 pm*

Date: *Friday, March 9*

Place: *Wilson Hall,*
New College

Admission: *$2*

SKULE™ NITE 8T4 IS THIS WEEK!

TICKETS STILL AVAILABLE AT THE HART HOUSE THEATRE BOX OFFICE.

F85-0192.(15)
ARCHIVES
10MR84
00
U45-100

the CANNON

U of T Engineering Society Vol. VI, No. 7

Editor

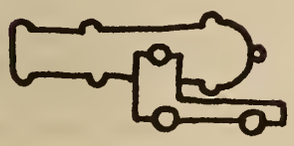
Judith Vosko

Photography

Joe Chiang
Rob Kee
Chuck Rothman
John Weir

Staff

Chris Harris
Derek Jubb
Barry Levine
Greg Stephanian



THE CANNON is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng Soc events, discuss faculty and university matters, and present technical information of interest to Engineering undergraduates. Subscriptions are available, call Ella at 978—2917. Anyone interested in helping with *THE CANNON* is most welcome.

THE CANNON encourages submissions; please type or write legibly. Deadline for articles and letters for the next issue is Tuesday, March 27. Comments on *THE CANNON* or articles appearing in it are appreciated. The editor reserves the right to edit for brevity.

ISSN 0711-4370

Centennial Countdown Continues
The second quiz in the Centennial series should provoke some thought. Every self-respecting Engineer can answer multiple choice questions, so enter! page 5

What Can $100 Buy?
It has been two years since the Engineers first volunteered to contribute $100 as a special incidental fee. Read about the history of this fee and how it was spent in 1983-84. page 6

Cabinet Minister Speaks at Skule™
Students had a chance to grill Frank Miller, provincial Minister of Industry and Trade, when he made an appearance in February. Topics of interest to all students including job prospects and government funding to engineering schools were discussed. page 9

ECF Expands
In this age of rapidly changing computing needs and capabilities, this Faculty cannot maintain its standard without more equipment. Here is an outline of what's in store for September. page 9

Second Mile Winner Selected
The Class of 3T5 has once again chosen a recipient for its Second Mile Engineer Award. Discover the winner on . . . page 10

Engineering Society Elections
The candidates present proposals, promises and platforms. page 11

Engineer Strives for Gold
Right here in APSC, we have a student who is vying for a place on the Canadian National team. A portrait of this synchronized swimmer and the selection process. page 20

In Every Issue

Editor's Comments page 4
Engineering Society News page 16
President's Message page 18
Engineering Athletics page 22

Editor's Comments

Since most readers are expecting this space to be devoted to a 'responsible voting' pep talk, I won't do that. Some critics have said *the Cannon* has had too many 'get involved!' pieces this year, so I will avoid that too. What else is there for an editor to write about, you may ask.

This space is intended for comments on the articles found elsewhere in the paper or items of interest that would otherwise go unreported. And, of course, other beefs, commendations and personal opinions.

Taking first things first, you will find a very informative article regarding the incidental fee inside. (As an addendum, a motion was passed by the Engineering Society to continue the fee for next year, as expected). The article includes mention of the questionnaire that was circulated in all classes to determine the general opinion on the fee. After the responses were tabulated, it was surprising to note that most students wanted to continue to subsidize equipment in some way, even though they didn't know how the money was spent. Here is your chance to find out how your fees were distributed. An even more detailed breakdown is available in the Eng Soc.

Several important topics were discussed at the recent Eng Soc Council meeting and this editorial is a chance to fill you in. Coinciding with the incidental fee review, Dean Slemon spoke to Council regarding plans to alleviate our deficiencies in staff and equipment. An effort is being made to entice companies to sponsor a professorial position ie. pay the salary of a senior professor until retirement. Such corporate arrangements would allow the Faculty to hire new, junior staff. The voluntary donation of $100 by the students has spurred many Alumni to also donate funds for purchasing equipment. The Alumni Association is gearing up to increase donations fourfold in the next four years by attracting particularly successful graduates to make large donations.

Also, the controversial *Varsity* fee referendum was discussed at the meeting. Representatives from *the Varsity* and Students Urging Responsible Journalism (SURJ) expressed their views and answered questions. Being last on the agenda, a motion was quickly put forward for the Eng Soc to support *the Varsity*. The unofficial count, subject to confirmation, was 17 in favour and 12 opposed with 22 abstentions. A role call vote was taken so the final tally will be available after the Joint Council meeting on March 20.

Finally, a personal note, or more particularly a request. Recently, I have been told that *the Cannon* needs more reporters who will cover meetings and events objectively instead of having articles written by organizers or participants. A small step has been taken in that direction this month with articles on the incidental fee and the talk given by Frank Miller written by observers. I have had little success in attracting technical articles all year. The request: some feedback on where you, the reader, think this newspaper should place its emphasis. Soon, a new editor will be taking over and this information will be invaluable. Plus, I will know someone is reading out there!

Letters to the Editor

Dear Editor,

Once again the students are being asked to vote on bailing yet another student group out of financial peril. The difference this time is that this group is *the Varsity*.

Under normal circumstances, journalistic publications live and die by circulation and advertising revenue. Even though *the Varsity* does need new typesetting equipment, the funds for this should come from advertising sales and good fiscal management.

Voting 'yes' to a *Varsity* fee increase will not guarantee any improvement in their journalistic quality, which we have seen to be very poor this year.

I urge all students to vote 'no' to any *Varsity* fee increase.

Paul Shindman
Mech 8T4

Dear Fellow Students,

On several occasions this year, I have been critical of *the Varsity* newspaper, and I have written several letters to its Editor expressing my displeasure and concern regarding the apparent lack of journalistic responsibility. After a recent article suggesting that engineering students were requesting a tuition increase, I decided to apply for the position of *Varsity* editor. While I never had any intention of taking this move to completion, it provided a perfect opportunity to express my concerns to the editors and staff. At an editorial screening this past Wednesday, my views and some suggestions were presented to *the Varsity*, after which I dropped my candidacy.

continued on page 17

History Questions: Some Easy, Some Hard

Test Your Skule™ Knowledge

Gus Rinella
MMS 8T5
Margaret Seidel
Geo 8T5

Last month's quiz was too easy, you say? Well, here's a bit of a challenge for you. A mystery prize (ie. we'll find something, sometime soon) will awarded for the best entry submitted to the Centennial mailbox in the Eng Soc by 5pm on Friday, March 16.

1. Initially, the Engineering Society's primary objective was to supplement the technical education of its members. 'Transactions', first published in 1886, was the official publication of the Engineering Society, and contained several technical papers. In 1920, 'Transactions' became part of another Skule™ publication. Which One?
a) the *Toike Oike*
b) *the Cannon*
c) the Year Book
d) *Applied Science* (no longer in publication)
e) *the Varsity*

2. Two U of T buildings ar named after former Engineering Society presidents. Who was the first undergraduate to be president of the Engineering Society?
a) Sir Sandford Fleming
b) John Galbraith
c) E. A. Wallberg
d) H. E. T. Haultain
e) Con Hall

3. Where would you find the first Skule™ cannon?
a) in front of Hart House
b) In the university's Archives
c) In the basement of a bakery in Newark, N.J.
d) Imbedded in a cornerstone of the Galbraith building
e) You wouldn't. It was destroyed.

4. 'The Little Red Schoolhouse' was home to the engineers until 1966, when it was demolished to make way for the Medical Sciences Building. According to Joe Skule™, how old was this building when it was given to the Meds?
a) 77 years old
b) 81 years old
c) 89 years old
d) 94 years old
e) 100 years old

5. The Lady Godiva Memorial Band has, on many occasions since its formation in 1948, crashed weddings and parades and kindly assisted with a number of opening ceremonies. Which of the following was not given opening rituals by the LGMB?
a) the Eaton Centre
b) the CN Tower
c) Roy Thomson Hall
d) Canada's Wonderland
e) a Ford dealership in Tonawanda, N.Y.

6. In the 1940's, engineering freshmen were required to wear a characteristic tie throughout Orientation. When Orientation was over, they were presented with a button of the same colour which was to be worn for the remainder of the year. What colour were these ties and buttons?
a) blue
b) gold
c) blue and gold
d) green
e) red

7. The first *Toike Oike*, printed in 1911, was intended to be
a) a humour(?) publication
b) a newsletter
c) an election flyer
d) a satire of a campus newspaper
e) a private joke between two members of the Engineering Society

8. Meds stole the Skule™ cannon in 1949 and again ten years later. Where was the cannon when it was stolen in 1959?
a) at the Chariot Race
b) at the Homecoming football game in Varsity Stadium
c) attending opening ceremonies for the Lash Miller building
d) at a blood donor clinic
e) locked in a safe in the Engineering Stores

9. In the 1960's, the Blue and White Society of the U of T held a Winter Carnival each February. The engineers were called upon annually to construct the ice palace on Front Campus. Which of the following activities of interest to engineers was not held in conjunction with the Winter Carnival?
a) Eng Soc elections
b) Bed Pushing Race
c) Chariot Race
d) Toilet Bowl Game
e) Log Sawing Contest

10. Each discipline of Engineering at U of T has its own club which is part of the Engineering Society. Which of the following was not an Engineering Society club at one time or another?
a) the Industrial Chemical Club
b) the Engineering Physics Club
c) the Architectural Club
d) the Aeronautical Club
e) all of the above were Eng Soc clubs

continued on page 10

Incidental Fee at Age 2

Midterm Report On Our $100

Many of you are asking what has been done with your $100 incidental fees which are 'voluntarily" paid in September. We know this as a result of the Engineering Society's questionnaire, prepared by Barry Levine, which showed that only 36% of you felt that you had been informed as to where your money was spent. Despite this lack of awareness, 52% said that they would like to see the Special Proposed Incidental Fee (SPIF) continued after its third and final year 1984-85 and an additional 20% thought that the fee should be collected in 1984-85 and then terminated.

For the benefit of those who were not here during the SPIF referendum in the spring of 1982 and for those who just can't remember that far back, here is a quick refresher. SPIF was first collected for the academic year 1982-83 after a student referendum in which 68% of the students who voted supported the fee proposal. The fee was to be collected for a maximum of three years ending next year (in 1984-85) subject to a yearly full Eng Soc council vote which would require a 2/3 opposition to cancel the fee. In addition a yearly review committee was to be established consisting of the Dean, the eight department chairmen and eight Eng Soc members from the eight departments with the Eng Soc President as chairman.

The purpose of this committee is to study and discuss the expenditures made with the incidental fee monies and any related SPIF matters and to give their recommendation to the Eng Soc Council. The meeting of this committee this year was held on February 24 at which I was present as an observer.

At this meeting all the department chairman provided a detailed breakdown of their purchases made with the incidental fee monies. A breakdown of the departmental expenditures into the categories of equipment, supplies, and teaching assistants is provided on the adjacent page. If you would like to know the exact details of these expenditures feel free to consult your club chairman, staff-student council rep or your department chairman.

It was generally thought by all that these monies were used where they were most needed in the undergraduate program. One exception however was the purchase of coffee and doughnuts for orientation by the Industrial Department which the Dean agreed was not what the fee was intended for.

In addition to the purchases made with the incidental fee money, the other objective of the fee, its use as a lever to acquire additional funding, was discussed. The Dean was pleased to announce that $250,000 had been donated by the alumni this year. This figure matches the $100 incidental fee contribution made by the students. For comparison, the faculty equipment budget, from Governing Council alloted funds in 1983-84, was approximately $230,000.

The alumni contribution is an increase of 25% from 1982-83 in which donations totalled in excess of $200,000, and an increase of over 100% from 1981-82 when the incidental fee did not exist. Efforts to substantially increase donations from this relatively untapped resource will be stepped up by initializing a more personalized soliciting campaign in which alumni will be contacted individually. The Dean has set a goal of $1M in alumni contributions for the year 1987-88. The Dean also noted that donations from faculty members had increased this year with the formation of the Taddle Creek Club whose members have made donations in excess of $300 each.

With regards to undergraduate funding from industry the situation was somewhat bleak. A "wish" list has been sent to industry which contains greatly needed undergraduate equipment. However, response has been poor due to the highly specialized nature of this equipment and industry's poor financial situation. It was noted that the major recipients of industrial donations are graduate and research labs. The faculty has been unable to seek monetary support from industry on the request of the University which is soliciting donations for the South-West Campus development. On the brighter side, the Ministry of Colleges and Universities this year gave the Faculty a special grant which was used towards the purchase of the ECF facilities. The Dean is optimistic that the faculty will again receive a sizeable special grant from the Ministry next year.

The lack of student awareness as to where this money was being spent was a major concern of the student representatives present. It was brought to the attention of the Dean and the department heads that only 36% of those who responded felt that their department had made an attempt to inform them of what had become of their money. It was noted that

Incidental Fee

in first year classes only 12% felt that they had an idea of what was purchased with this money; however in two third year classes the response was quite positive. In one of the classes, Chem 8T5, the department associate chairman approached the entire class and informed the students personally. It was agreed by all of the student reps and some of the department chairman that this was the only way to ensure that students would be aware of their department's dealings. It was also suggested that first year students be approached on orientation day to speak their interest in this matter.

The Dean was realistic with respect to our financial situation. Currently our faculty receives an additional 6% on top of our allocated operating budget, from outside sources (e.g. incidental fee, alumni). The Dean feels that this figure must rise to at least 15% if no further funds are received from the Ministry or the university and if a quality standard is to be maintained. The Dean would like the faculty to be able to set its own fees; however, realistically, he foresees tuition keeping pace with inflation. The Dean hopes to meet with the soon to be elected 1984-85 Eng. Soc. executive and possibly arrange for a new SPIF campaign that would continue to supplement our ridiculously poor equipment budgets.

The Dean gave special mention to Ron McKenzie's letter to the Ministry earlier this year. He said that although it did not have a concrete effect on our situation it did provide a good idea of needed publicity. The Dean also suggested that the Eng Soc prepare a brief on underfunding and submit it to the Ministry and the Bovey commission which is looking into the university structuring system. The Dean noted however that "rather than complain how poor we are, it would be more effective to say that there is a big job to be done and we need help."

The recommendation of this review committee was unanimous in supporting the fee for a third year. This recommendation will be presented to the Eng Soc meeting on March 1st where it is expected to be passed by a large majority.

Ted Moryto
Mech 8T5

INCIDENTAL FEE ALLOCATION, 1983-84

Department, Division or Institute	Equipment and Furniture	Supplies	Teaching Assistants	TOTAL
Aerospace Studies	2,320	580		2,900
Civil Engineering	38,316	7,484		45,800
Geo-Engineering	2,500			2,500
Mechanical Engineering	33,600	5,000		38,600
Industrial Engineering	9,696	7,304		17,000
Engineering Science	3,300	500	200	4,000
Chemical Engineering	12,347	26,196	10,357	48,900
Electrical Engineering	50,800		10,000	60,800
Metallurgy	9,700			9,700
Philosophy			5,500	5,500
Physics			5,000	5,000
Computer Science			1,943	1,943
Geology			5,000	5,000
Faculty General	10,250	500	4,881	15,631
TOTAL	172,829	47,829	42,881	263,274

— ADVERTISEMENT —

from *the Cannon*, March 1984

A Rave Review

The Engineering Stores are located in the basement of the Sandford Fleming building. Just across from the South entrance to the SF cafeteria, the Stores enjoy easy access and good visibility. The hours of service are convenient: Monday to Friday, 8:30am to 4:30 pm.

Fortunately, the Store's ambience suits the location. Staffed by the friendly and helpful June, Mark and Mike, service is prompt and cheerful. Unlike other stores where items are hard to find or in dark corners, the Stores are bright and the staff gets what you need.

Now that you know that the Stores have friendly staff and an accessible location, it is time to tell you about the variety of items they sell. For the book worm: all first year texts and a good selection of Schaum's Outlines. For the patriotic: engineering buttons, stickers, and T-shirts. For the keen: lab notebooks, lab paper, lab folders, spiral notebooks and lots of paper both graph and ruled. And for the unfortunate: a range of drafting supplies. In short all that is needed by engineers.

My personal rating: five stars. With such a balanced mix of friendliness and service what else could I give? Take advantage of this valuable service provided by your Engineerng Society.

Specials this month:

Brush Markers	50¢
Parker Rolling Ball Pens	$2.00

see you at the Stores

Trade Minister Visits Skule™

Barry Levine
Ind 8T4

On Thursday, February 9th, the Professional Development Committee presented an address by the Honourable Frank S. Miller, the Ontario Minister of Industry and Trade (and a graduate of McGill University in Chemical Engineering). His talk centred around employment opportunities for engineers, but the questions that followed dealt primarily with university funding by the ministry.

According to Miller, about 60% of last year's 593 graduates have been unable to find engineering-related jobs. This is not due to a saturation of engineers, but rather, a change in the structure of the economy. During the 1950's and 1960's, big business supported most of the jobs for new graduates. During the 1970's, the trend reversed so that most new jobs were created in the small business sector. Unfortunately, small business has either not recognized their great need for engineers, or they have been unable to support the high salaries demanded by today's graduates.

The task faced by today's graduates is "to engineer your own jobs", says Miller. "I think this can happen in two different directions. One of them is innovation and the other is business management." He proceeded to give examples of engineering applied to non-traditional fields. "You may have to start your own business or go to work for a small, high-tech firm . . . our economy is becoming leaner, more aggressive, more entrepreneurial.

In answering questions from students and staff, Miller felt that it was important that the faculty keep up to date. "You can't be taught to be a competent engineer on equipment that is not up to date." Several students attempted to have Miller comment on the possibility of funding from his Ministry, in much the same way that the Ministry of Health gives funding to the Faculty of Medicine. According to Miller, "we are wealthy enough to do it," but refused to commit the Ministry in any way. Instead, he suggested that we take our message to the government in the form of lobbying.

PHOTOCOPIES 5¢
XEROX 9500, ON AUTO-FEED, 8½ x 11
CAMPUS REPRODUCTIONS
185 College St.
PHONE 979-2942
OPEN SATURDAY
(EAST OF ST. GEORGE)

ECF Update

Paul Shindman
Mech 8T4

The faculty is slowly moving to upgrade the ECF facilities for next year. At a recent meeting of the ECF Advisory Committee, the following proposals were approved:

- purchase of a third VAX 780 computer with 25 more terminals
- $250,000 to be spent on developing a distributed network of remote workstations

These proposals will go in to the budget submission for fiscal year 1984-85 and have to be approved by Simcoe Hall. If they are approved, the VAX and about a dozen workstations should be in place by September. The workstations will be used by one or more 'guinea-pig' classes to see how well they work. This should set the stage for a major expansion of distributed computing for 1985-86.

Right now, there is a major gap in the Faculty's computer policy with respect to computer aided design and computer graphics. The CADAM system in Mechanical Engineering has been used mostly by graduate courses and will be expanded from 10 undergraduate students this year to only 40 in 1984-85. This is doubly frustrating since incidental fee money was used to make the CADAM system workable, and over 300 students wanted to take the one course (JMS400F) offered this year.

A report on computer graphics and CAD/CAM was due to be submitted to the ECF advisory committee last month, but has yet to appear. In the meantime, undergraduates must work with the very limited computer resources of ECF and can only hope for improvements over the next two years.

Second Mile Engineer Award

Hans Schade
MMS 8T4

Judith Vosko, our brilliant *Cannon* editor, is this year's recipient of the Class of 3T5 Second Mile Engineer Award. The award, given annually since 1944, goes to a member of the graduating class whose outstanding contributions and accomplishments in extra-curricular matters distinguishes him or her from all other applicants.

The concept of the 'second mile', for the benefit of those who do not know, dates back to the biblical times of the Old Testament, more specifically to the Sermon on the Mount: "Whosoever shall compel thee to go one mile, go with him twain." Not only are engineers asked to do our utmost in matters of technology and research, but we are also to strive for the unforced voluntary dedication to our entourage to help improve our society to the best of our capabilities.

Judith, a fourth year Engineering Science student, has not only been involved in Engineering Society activitles, but has also managed to diversify her efforts to an unbelievable array of activities. Along the way, she has received a certaln degree of recognition, including the Centennial Award in second year and the Semi-Centennial Award in thlrd year for outstanding contributions to the Eng Soc and Skule™.

Besides belng a first class student (and In Eng Sci this means to sweat your ... off!) and *Cannon* editor, Judith holds and has held a host of other Important positions. This year, she is also EAA President, culminating three years of active EAA Executive membership which saw her as the Women's Volleyball Commissioner in 1981-82 and as Secretary-Treasurer last year. Where she found time to ice hockey and volleyball and basketball and touch football and innertube waterpolo and squash is absolutely incomprehensible! But wait, don't stop reading yet! Her list of credits goes on: 3 years of class representation of the Eng Scl Club, involvement in Orientation and Shinerama, especially in second year, and a cast role in our annual Skule™ Nite in third year. But you ain't heard nothing yet! To top it all off, she was the producer of Skule Nite in her second year, which traditionally is a 'killer-year' in Eng Sci! As to the uproar that may be caused by not trademarking the Skule(™) in Skule Nite 8T2, I would like to remind everyone that Skule was not trademarked then. Wayne Levin, eat your heart out!

The Second Mile Award is considered one of the most prestigious awards given out in any of the four years in Engineering. Past winners have shown continued responsibility towards their environment and active participation in the 'second mile'. Two past winners illustrate this point very nicely: Bill Danlel (1947) is currently President of Shell Oil and an Officer of the Order of Canada. Marta Escedi (1976) is now involved heavily as an alumnus and is the current President of Presidents, a council of all Class Presidents from previous years. Judith is already demonstrating that she fits the expectations of the committee as far as future involvement is concerned. She is one of five Vice-Presidents of the Class of 8T4, in charge of Publications and Communications.

The presentation itself was made at a dinner reception chaired by John Bryce, the chairman of the Awards Committee of the Class of 3T5, on Wednesday, February 8, at Hart House. Aside from the guest of honour, many other Faculty of Applied Science and Engineering celebrities were in attendance, including Dean Wright, Sally Cummings, Professor Boocock and our very own Vice-President Administration Andrew Alberti. I'm sure that Judith, together with all the previous winners, looks forward to the 50th anniversary dinner of the Class of 3T5 next year, to which all Second Milers will be invited.

Congratulations, Judith — you really deserve it!

continued from page 5

Last Month's Quiz Answers

In case you were wondering, here are the answers to last month's quiz, won by Andrew Alberti (Elec 8T4). Don't just turn the page, there may be some clues hidden here!

1. Scite et Strenue, Skillfully and Vigorously
2. 1885-1985 A Century of Skill and Vigour
3. The Ajax
4. Dean Galbraith was the first President (honorary) in 1885.
5. The School of Practical Science
6. It was an election flyer in about 1906.
7. Miss Purity and Miss Purity II
8. The Transactions of the Engineering Society was first and the journal Applied Science *followed in 1907.*
9. A bike to break the world record for human powered vehicles
10. Monday, February 20 at 5pm in the Metallurgy Common Room

Engineering Society ELECTIONS!

Yes folks, it's that time of year again. Time for the candidates to run around trying to get your votes and for you to choose your student leaders. This decision is not one to be taken lightly, since these individuals will have a large say in how *your* money is spent next year. Find out about them by reading their statements below before you go to the polls this Thursday and Friday.
The opinions expressed in the elections staements are not necessarily those of *the Cannon* or the Engineering Society.

Campaigning **March 5-7**

Officer's Elections **March 8-9**

2nd and 3rd Year Class Elections (held in class) **March 12-16**

Enthusiasm On & Off the Field

The president of the Engineering Athletic Association is responsible for working with the E.A.A. Executive and Commissioners to provide engineering students with a full and varied athletic program. Activities such as interfaculty sports, intramural sports, tournaments, Ski-Day and the 'S' Dance are all organized, funded and run under the direction of the E.A.A. The president must co-ordinate all of these activities as well as acting as a link between the E.A.A. and the Engineering Society.

Bruce Dow is seeking the position of E.A.A. President. He understands both the financial and organizational workings of the association, having taken up the position of E.A.A. Secretary-Treasurer for the past term. He has also been involved in E.A.A. events ranging from participating on teams to refereeing tournaments to organizing this year's 'S' Dance.

Choosing Bruce Dow as next year's Engineering Athletic Association President will ensure the continuation of the many fine programs which have been run in the past, and will lead to the introduction of many others as the demand for one-day intramural tournaments grows.

Christie and Jubb head the ticket with professionalism

Experience & Communication

Running the Engineering Society is a very difficult and complex task. It requires an executive with excellent organization, communication and leadership skills. The same people who run a pub or organize an information service will also be required to present a professional image when the executive meets with the Dean or the Alumni President. The ticket of Christie, Jubb, Dow, Fofana and Rochford has this professionalism as well as the experience and creativity necessary to run the Society.

The executive of the Engineering Soceity must be prepared to deal with important academic issues. For example, the U of T Engineering Faculty is in danger of losing its accreditation with the Association of Professional Engineers of Ontario in 1986. The ticket of Christie, Jubb, Dow, Fofana and Rochford is determined to work with the A.P.E.O., the Faculty and Alumni to ensure that this does not happen.

The Engineering Society must have an open door policy, encouraging input from students, and those students must be kept informed about Society activities. Further, the executive must have the experience to organize traditional social activities and the knowledge to create exciting new ones.

The ticket of Christie, Jubb, Dow, Fofana and Rochford firmly believes in strong leadership, effective communication and good organization.

Bruce Christie
President

Engineering Society Vice-President, Bruce Christie is running for President in 1984. Bruce is concerned that, In these years of underfunding and incidental fees, engineering students have had little success improvlng equipment and services in the faculty. He will use his extensive experience in dealing with administration, alumni and industry to co-ordinate an equipment and fund-raising campaign for the faculty.

Bruce knows the job of Engineering Society President. Electing Bruce Christie will eliminate the need for on-the-job training and allow him to continue serving your best interests.

As V.P. Activities, Bruce had great success dealing with such university departments as the Faculty Office, the U.C. Principal's office and Campus Beverage Service; and he will build on these achievements in 1984-85.

In his two years on the Engineering Society Executive, Bruce has seen that: more attention to finding jobs for Englneers, class vlslts by executive officers, and better relations with *the Varsity* should all be top priorities of the Society. He will also put a greater emphasis on charity work.

Bruce kept every promise he made while running for V.P. Activities last year and used the results of his questionnaire to introduce such new events as the Basketball Tournament, the Ski Trip to Mont. Ste. Anne, the Personal Computer Show and more. He also ensured that all other activities ran smoothly.

Derek Jubb
V.P. Administration

The position of Vice-President Administration is both a demanding and vital one. The person holding this office is responsible for the day to day operations of the Society. He must be aware of the various parts of the Society and as well he must have a good rapport with all engineering students.

Derek Jubb has been active in many events run by the Engineering Society. He has been active on the Orientation Committee, helped with Homecoming, Godiva Week and *the Cannon*. In addition, he worked with Bruce on last week's Computer Show and on many of the Engineering Pubs.

One of the major problems Derek sees presently in Englneering Is the lack of communication between the average student and the

Dow, Fofana and Rochford complete the experienced ticket

Society. He will work to get a computer bulletin board as well as several more large bulletin boards set up to inform everyone about engineering events and meetings. As well, he will report monthly in *the Cannon* on his duties as V.P. Administration and on what's happening in engineering.

If you are concerned aboaut the quality of your education and wonder what your Society is doing for you, vote tomorrow and Friday for Derek Jubb.

Gregory Dow V.P. Activities

Of the five executive officers, the Vice-President Activities requires the most previous experience. The job of planning the society's events in conjunction with the committee people cannot be properly done by a person who merely participated in previous activities. The enthusiasm of a successful V.P. Activities must be augmented by previous financial and organizational experience.

Gregory Dow has gained such experience in his two years as a society member. He has been the Engineering Society Treasurer over the past year. Thus, he has been immersed into the society executive, and has been given a basic knowledge of what every committee does.

Greg worked at almost every pub this year, contributed to orientation, and became the Skule™ Nite Sound Coordinator. Next year he plans to continue these activities, yet still focus his attention on the Engineering Society's centennial. He is the Social Director of the Congress of Canadian Engineering Students and he plans on restructuring Godiva Week to cultivate participation for the centennial and future years. His plans include a wide variety of events, both drinking and non-drinking: events which the students want.

Experience such as his, is a necessity for a V.P Activities. Just showing up is not good enough. Experience makes Gregory Dow an excellent choice for your Vice-President Activities.

Richard Fofana Treasurer

To meet the social, academic and financial needs of the individual in Engineering, we have to elect people who are in touch with the wishes of the students themselves. Richard Fofana is running for the position of Treasurer because he wants to be sure that the student voice is heard.

An enthusiastic class rep this year, Richard helped coordinate an amazing F!rosh effort in the Chariot Race, worked at various Engineering pubs, helped organize several exciting class sporting events and led his class to win the First Annual Godiva's Quest. Off campus, he has gained valuable experience planning and coordinating recreational activities, and keeping the accounting and inventory records for a summer day-camp program.

Richard has shown the spirit and commitment that should also accompany the Treasurer's financial duties, through his energetic involvement in many areas of Skule™ life. As an active member of the Engineering Society, interfaculty Badminton and Engineering Squash teams, the non-existent BFC (who?) and the cast of Skule™ Nite he has developed a firm understanding of both the administrational and social aspects of the Engineering Student Body.

Richard has proven his ability to communicate tactfully and effectively and has the experience and ehthusiasm to do the job right. Vote for a candidate who will work for YOU. Elect Richard Fofana as Tresurer.

Suzanne Rochford Secretary

The position of Secretary on the Engineering Society requires a determined, outgoing and responsible student to successfully meet the demands involved in such a commitment. A basic awareness of the Society's activities and events, as well as a good understanding of how the society operates are definite assets.

Suzanne Rochford, through her interest and participation in Engineering Society events, has become familiar with Society fundtion. A first year Industrial student, she has involved herself with the Engineering Women's Committee, the Personal Computer Show, pub organization and intramural sports. Previously, she has used her organizational skills as an active participant in student council activities and graduation committeee planning.

As Secretary, Suzanne would keep organized, accurate and up-to-date records of all Engineering Society affairs and events, organize new charity events (eg. blood donor clinics), maintain the proposed computer bulletin board and assist in the organization and preparation for the Congress of Canadian Engineering Students conference which is to be held in Toronto next year.

Election of Suzanne Rochford will give the Engineering students an enthusiastic and energetic secretary who is willing to devote her time towards better communication and understandlng In the Faculty of Engineering.

On March 8th and 9th, vote Chrlstie, Jubb, Dow, Fofana and Rochford.

Hollings, Fairweather, Alegre, Breukelman, Weir

The Centennial Selection

Do you remember those days of your childhood, when elections were being run; your parents were voting, and you were too young? Well, you're not too young anymore. In fact, there is an election coming up in which you, the undergraduate engineer at the U of T, have an important vote: the Engineering Society Elections.

Remember, when you cast your ballot on March 8 and 9, you will be electing the officers of next year's council. We, your Centennial Selection, will provide you with experience, enthusiasm, and co-operation.

Bill Hollings
President

Next year is the centennial of the U of T Engineering Society. To me, the centennial represents the opportunity to reflect on what we were, to act on what we are, and to strive for what we want to be.

First of all, during the centennial year, I would like to reinstate some of the old traditions that the Eng Soc seems to have lost over the years.

Secondly, we are now in the process of building up a respectable computing facility and next year I will do my best to keep this idea alive. To this end, I have involved myself as much as possible in the growth of the computing facility, especially its proposed expansion during next year.

Thirdly, the centennial provides us with an excuse to look into the future. I would like to use our centennial year to encourage both the government and private industry to understand our position on underfunding and job creation. I am presently sitting on a committee, of both profs and students, which is researching the use and effectiveness of the incidental fee. I hope to bring the knowledge gained this year to the same issue next year, and to the referendum next spring.

Finally, my experience this year as Blue and Gold Chairman has brought me in touch with all aspects regarding organizing events and generating spirit, and I hope to be able to use my experience to keep our Society strong and spirited during the upcoming year. Remember, vote for Bill Hollings as your Engineering Society President.

Lynette Fairweather
V.p. Administration

As you look down the columns of the prestigious and world renowned engineering magazine, *the Cannon*, you read these words and say "Oh no, another one!". For, it is that time of year again. Not only do you get to pour two months of intensely acquired learning onto the pages of your midterms but you also get to cast your vote on March 8 and 9 for the students of your choice to become next year's Eng. Soc. Officers.

The students you elect will be representing all of U of T engineers to various groups including the Alumni Association, the Engineering Faculty, and other student groups. I am Lynette and I would like to be your V. P. Administration. I believe that I have the enthusiasm, the experience, and can provide the leadership necessary to properly represent our student body.

The responsibilities of the V. P. Administration includes presentation of the Engineering Society budgets, administration of both the constitution and the day to day affairs of the Eng Soc. I had the pleasure this year of being my class Eng Soc rep and acting as liason between them and the society. I am Employment Chairman and I help out with the High School Liason Committee, among other activities so I am quite familiar with the way the Society operates. I was in Skule™ Nite in 8T2 and 8T3 and this year have the honor of being choral director. (Skule™Nite is the high point of the year, so I hope that everyone has bought their tickets.)

Next year is the Society's centennial so it looks like it will be special. It is my graduating year and I want to make sure that it is special. Take a few minutes on Thursday or Friday and go out and vote. Elect me for your V. P. Administration and help me make 1984-85 special for you too.

Luis Alegre
V.p. Activities

Our Faculty is one of the largest in the world, yet even with our size, the potential to create a unified group of people is very much alive! As V.P. Activities, I intend to pursue this goal. Next year, being the Eng. Soc's Centennial, marks the start of a new era, where innovations are inevitable.

The vigor, and liveliness of SKULE™ spirit starts with F!ROSH Week. I intend to make it an event unsurpassed by ANY University! I have been in contact with other Universities, and will propose new, more exciting, events without eliminating those at which we all had a blast! (D.J.'s, Roamaround and many others).

I believe in good personal contact with all individuals. In the past I was a house leader, and co-President of the Student Council at my high school. Then, as Faculty Council rep, I was on the committee which devised the guidelines for sexual harassment. Now I am an

Your Team, Your Choice

active member of the ENG SOC, and the Congress of Canadian Engineering Students (a conference which we will be hosting next year). I have proven my organizing capabilities time and again, and as V.P. Activities, I will co-ordinate the committee chairmen so that *every* event will run smoother than ever. If you choose Luis Alegre on the ballot, you can look forward to more events (volleyball, indoor soccer, basketball etc...), as well as large scale pubs.

My sole goal as V.P. Activities will be to promote unity within our Faculty. We will not only be known for academics, but also for spirit and enthusiasm.

As V.P. Activities, LUIS ALEGRE will make our centennial year what it should be!

Marion Breukelman
Treasurer

Well, it's that time of year again—Spring time? Midterm time? SKULE™ NITE time? Yes all of that, but I was referring to ELECTION TIME. You guessed it—the Engineering Society is now holding elections for the five Executive Officer positions. (Yeah, I know you're thrilled, but wait...there's more!) "Who am I?", you ask. Well my name is MARION BREUKELMAN, and I am running for the position of Treasurer. "So what!", you say. The Treasurer is responsible for all the bookkeeping and finances of the Society (ie. some of your fee money). Please notice the key word responsible. I believe that I am just that, responsible, and I am well equipped to do a fine job as treasurer. Having been a member of the council as a class representative for two years, this year as an executive, I have a good working knowledge of how the Society runs. (I'm also in SKULE™ NITE, so I'm really not all this boring).

But seriously now, the Engineering Society is one of the strongest groups on campus. However, we need your participation and support! This upcoming year is the Centennial of the Engineering Society and we need you. Engineers have always showed spirit, the same spirit that carried us from the horse and buggy to the computer age. We engineers work hard and play hard!!

Show your spirit, the same spirit shown at Orientation, at Chariot Races, for Godiva, and at pubs. Come out and vote. Show us that you are proud to be ENGINEERS!

John Weir
Secretary

When you think of the typical political secretary, you probably think of someone who is a stunning blonde, has no brains, and who delivers lots of doughnuts and coffee. Well, I am a blonde, though I may not be overly stunning, I have brains and do more than bring coffee and doughnuts to meetings. I am hardworking, enthusiastic and a team man; someone who can really contribute to the Engineering Society.

Next year is the centennial year of the Engineering Society. It will require a great deal of work and energy on the part of the Executive to make it something really special. I have the energy, the desire and the ability to meet those extra demands. So on March 8 & 9, vote for John Weir for Engineering Society Secretary.

Next year is the Engineering Society's Centennial and there will be many new areas that you all can get involved in. Not only do you benefit from the break in the strenuous studies we all partake in in this hallowed institution, but you have fun. Your first step to getting involved in going out and casting your ballot on March 8 and 9.

Make the CENTENNIAL SELECTION.

YOUR TEAM, YOUR CHOICE, YOUR VOTE.

Hollings, Fairweather, Alegre, Breukelman, Weir.

Engineering Society News:

Appointed Positions Open

The positions of:
Pub Manager
Publications Manager
Stores Manager
Toike Editor
Cannon Editor
Yearbook Editor
Handbook Editor
Calendar Editor
Regional Editor for Project Magazine
Skule™ Nite Producer
will be appointed at the April Council meeting. These positions are open to all engineering students. Application deadlines will be announced shortly.

Academic Issues

At the Faculty Council meeting last month, two policy changes were made that will take effect in September, 1984.

The maximum percentage of the final mark that can be alloted to unsupervised work in a lecture course was reduced to 25% (currently, It is 35%). The term unsupervised work usually includes problem sets, assignments and projects. A professor may apply to the Examinations Committee for an exception to this rule for a particular course.

New guidelines have been written regarding the use of calculators in exams. Exams will now be divided into three categories based on the type of calculator allowed:

Type 1 - Any silent, self-powered, non-printing electronic calculator or pocket computer Is permissible

Type 2 - Any non-programmable, non-printing, silent, self-powered electronic calculator is permlssible

Type 3 - Electronic and mechanical computing devices are not permissible.

SUDS Antics

As the story was received from UPI news service, I could not believe my eyes. The never compromising managers of SUDS (the engineering pub in the SF cafeteria) ran the first ever non-sexist wet T-shirt contest. The entries were as varied and original as the contest format itself. The big winner (who wishes to remain nameless for fear of religious persecution) took top honours in the category; 'A SHIRT WHICH TYPIFIES THE ENGINEER', for the entry entitled 'HOLD YOUR BEER LIKE AN ENGINEER...UP-SIDE DOWN'. What a contest it was.

Enough of history, now for the scoop of the decade—darts tournament play returns.

Friday March 15 at 5pm
Entry Fee: FREE (as always)
Prizes: excessive in number

Please put entries in the pub manager's mailbox in the Engineering Society office (SF B670) by noon on Friday.

As always, there will be lots of cheap beer available at 4 o'clock, so come on down and don't forget your darts.

Roving reporter (and darts fan)
Glyn P. Jones

Skule™ Trademarked

The Engineering Society now owns the registered trademark SKULE™. This version of the word school named after the old School of Practical Science has been used around the Faculty since at least the 1940's. The trademark is the result of some efforts by Wayne Levin, last year's Society President. This trademarking means that no one else may use the word for commercial purposes.

Andrew Alberti
Vice-President Administration

SAC Commends Us

What are you doing March 31st? SAC is sponsoring the first ever Professional Faculties Pub. SAC's Special Executive member for the Professional Faculties, Maria Drangova, is organizing this extravaganza which will include a live band — keep an eye out for details.

Debate has been hot for the last month at SAC over several political issues. Lest you worry that the engineers have been forgotten in favour of deep discussions about divestment, the Sex-Ed Centre and non-academic discipline codes, read on. During the February 8th SAC Board meeting, the BNAD made a surprise appearance, stunning many members with an energetic display of spirit. This incident prompted SAC to pass a motion which commended engineers for generating spirit at U of T and maintaining a leadership role on compus. Specific approval was voiced of the BNAD, the *Toike Oike* and Eng Soc's underfunding campaign and establishment of sexual harassment guidelines.

Remember that the SAC elections are March 14th and 15th. Your skule™-mates vying for the six Engineering directorships are Roberto Cohen, John Cierloch, David J. Gropp, Helen Humphrey, Peter Knazko, Bob Seeman, Mary Svazic, William K. Thomas, H. S. (Lee) Verhoeff and Bernard Wong. (Nick Iozzo has decided to withdraw from the race.) Feel free to hunt them down and ask them questions like "Why should I vote for you?" It is also tIme to start thinking whIch SAC presidential ticket you want to vote for, either Goldie Powell's or Bob Jones'.

Marc Seeman
SAC Director

continued from page 4

At the full council meeting of the Engineering Society of Thursday, March 1, *the Varsity* made a presentation and a motion was put forward to support *the Varsity* fee referendum. Several people have since questioned my motives in voting *in favour* of supporting this motion.

The Varsity will be here next year, whether or not it gains the fee increase. The editorial policy adopted will likely not be affected by the amount of money that the paper receives; rather the efforts made by the readers in informing *the Varsity* will have far greater impact. The efforts taken by Wayne Levin last year support this fact.

The Varsity staff are now aware of the concerns that I have expressed, and I have reason to believe that these are common concerns of the student population as a whole. I do not believe that holding back support for this fee as ransom is the responsible thing to do. *The Varsity* is in need of new equipment, and this campus *does* require an official student voice. Our task is to keep on top of the staff to ensure that responsible journalism results. Failing an improvement, then we can blow them to smithereens . . . In the meantime, I urge you to vote 'yes'.

Barry Levine
Communications Chairman

Dear Editor,

As members of the 1983-84 SAC Board of Directors, we would like to endorse the candidacy of Mr. Bernard Wong as an Engineering SAC Director for 1984-85.

Bernard is the only candidate from the Faculty of Engineering this year with any previous experience on SAC. (Nick Iozzo, originally seeking re-election to the Board, has apparently decided against running.) Although not a director, he has been involved in many aspects of SAC. These include running the videos at the Sid Smith Pub, being a member of the Student Work Force, acting as an informal advisor to the Pub Management Board, helping at CJUT and being an active member of the Blue and White Society.

Recognising the importance of electing proven candidates onto the Board of Directors, we recommend that engineering students choose Bernard Wong as one of the six Engineering SAC Directors.

Maria Drangova
Peter Miller

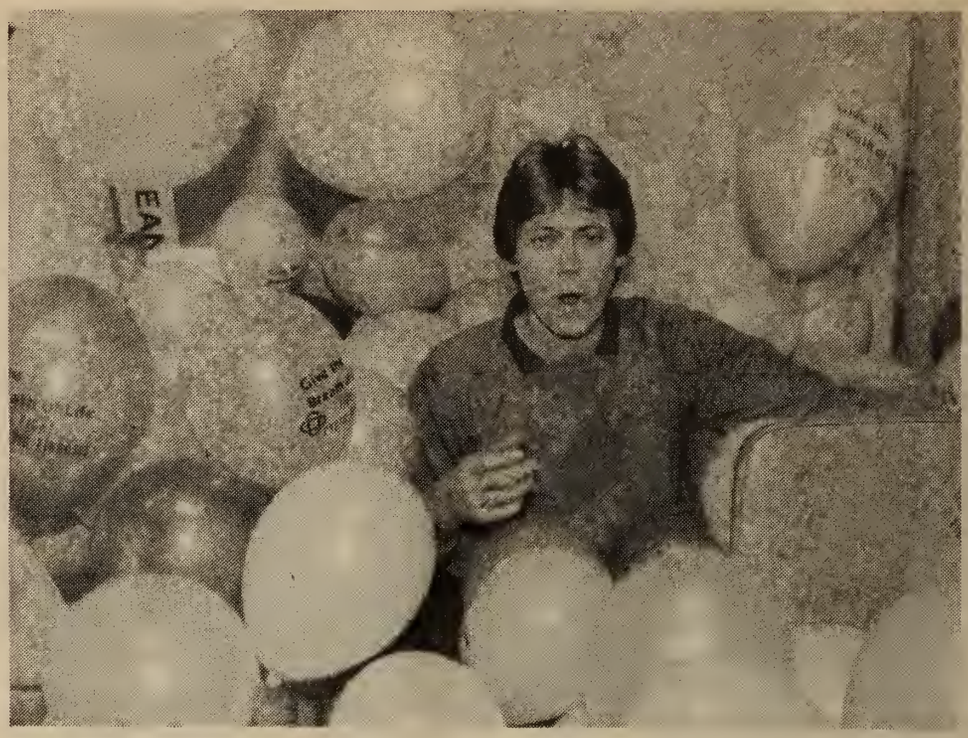
Grad Ball 8T4

Saturday, March 17
Hilton Harbour Castle

Tickets are $78 and available until Friday, March 9 from Club Chairmen

President's Message

Ron McKenzie
Eng Soc President



It seems hard to believe that one year ago I was preparing a statement for the election issue of *the Cannon*. It's amazing how 'time flies when you're having fun.'

As I mentioned in last month's issue of *the Cannon*, the Incidental Fee Committee has met and reviewed the allocation of the $100 student donations. To help aid in the review process, a survey was prepared and distributed among all students. I was very pleased at the response and want to thank all students who took the time to honestly answer the questions. The results can be found in the article regarding the incidental fee elsewhere in this issue. An unanimous decision was reached by the committee to recommend that the incidental fee be continued into its final year. This recommendation will be brought forward to the Eng Soc Council meeting on March 1st at which time a vote will be determine whether to continue or cancel the fee. I want to thank all the members of the committee for researching their individual departments, and Barry Levine for compiling the survey results. We couldn't have done it without you.

The month of March presents the changing of management in the Eng Soc. At this time I would like to thank all executive members and officers for an outstanding year. I will never forget the 'tacky ties', 'weird hats' and rum balls (hic) or the constant insults. I hope you all attack life with the same zeal as you attacked your positions. To all fourth year students, there is still the last minute job searching, the Iron Ring Ceremony and the highlight of the year, Grad Ball. This event should not be missed! Until then best of luck on midterms and we'll see you at Skule™ Nite.

Cheers!

Engineering Students Lose Computer Privileges

Press Release from the Faculty

Three First Year students who were discovered to have seriously misused their computer privileges have had their access to the Faculty's Engineering Computing Facilty (ECF) cancelled for up to 20 months. Mr. Jack Gorrie, Manager of ECF, established that one of them had stolen UNIX system source by using a teaching assistant's account, and had then moved the source to the home computers of two other students. In addition, one of the students had removed the password file of privileged users and was attempting to decode it using his home computer. After the students had met with Dean P.M. Wright and Mr. Jack Gorrie, the following penalties were assessed:

Arthur Goeldner and Robert Lansdale have lost their computer privileges until January 1, 1985 and modem access privileges until September 1, 1985.

The third student has lost his computer privileges until September, 1984.

In an unrelated incident, another First Year student lost his modem access privileges until July 1, 1984. In his case he had been discovered to have used his modem access to publicize another student's account name and password.

Dean Wright in announcing these penalties noted that copies of the letters to the students will be placed in their files. He also indicated that any further misuse of the computer system by these students could lead to one-year suspensions from the Faculty.

Get a handle on flavour.

Budweiser. Brewed in Ontario by Labatt's.

Synchro Champ From Skule™

Greg Stephanian
Mech 8T4

The Winter Olympics have just ended and yet some aspiring athletes are setting their sights on the upcoming Summer Olympics in Los Angeles. Imagine sprinting to a gold medal in the 1000m race, or winning the decathion or placing first in synchronized swimming.

Synchronized swimming duets is making its first appearance in the Olympics this summer. On other levels swimmers can compete in either solo or team events.

Lorraine Adams is a synchro swimmer who manages to squeeze swimming and engineering into her schedule. Lorraine is enrolled part-time in industrial Engineering and is presently taking both first and second year courses. At the same time she is attempting to gain a spot on the Canadian National team. Her training consumes at least 3½ hours each Monday through Thursday evening and four hours each Saturday and Sunday afternoon. A typical practice includes weight training, land drills — a dry run of the swimmer's choreography and lots of swimming. Lorraine even goes in for a few extra practices each week!

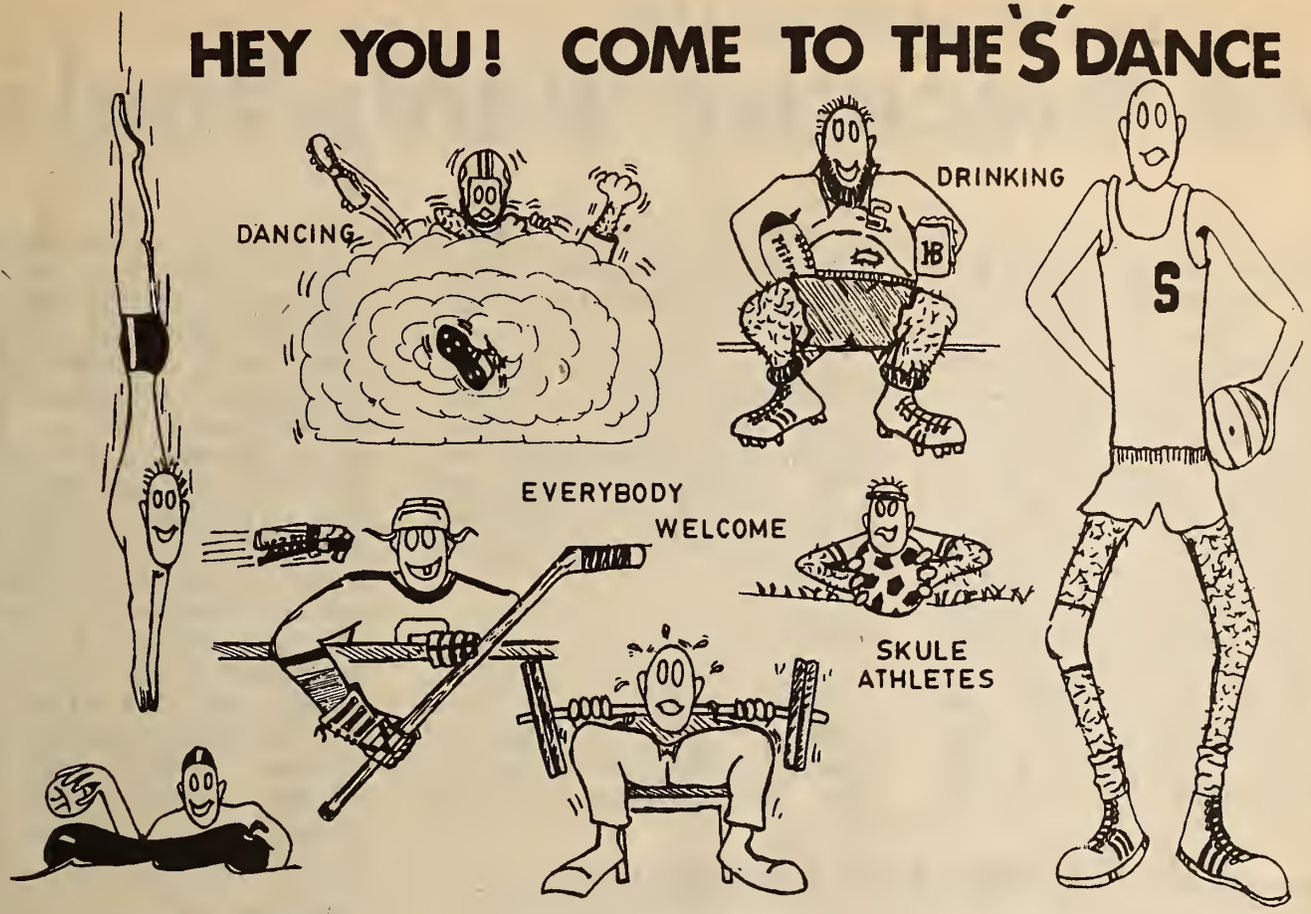
In competition synchronized swimmers perform a compulsory figures events and either a solo, duet or team routine. A swimmer's composite score is then comprised of 50% of the compulsory figures score and 50% of the routine mark. The various levels of competition include Regionals, from which the top ten competitors go to the Provincials where 8 soloists, 8 duets and 2 or 3 teams are selected to proceed to the Easterns. At the Easterns, swimmers from Manitoba and all provinces east of it compete to be among the 12 duets and 11 soloists to swim at the National finals. The top 40 competitors from the National trials then meet to determine the 20 swimmers who will make the National A and B team. These two National teams represent Canada at international meets.

Lorraine is in her fifth year at the senior level, previous to which she swam two years as a junior. Her first senior year was with Etobicoke's Olympium Synchro Club. Next she swam for 3 years with Synchro Elite Quebec in Montreal. This year finds her back at the Olympium Synchro Club on the Senior A team. The team was in Strasburg, France from January 18-25 for a demonstration at the Golden Cup event and will be competing at the Provincials on March 3 and 4 at the Etobicoke Olympium. Best of luck to Lorraine and all her teammates!

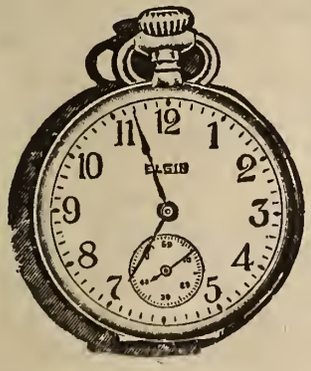
Lorraine performing in the pool

The draw on Friday, February 3 brought to a completion the Skule™ Lottery. This lottery was run by the Fourth Year Committee and all proceeds went towards the Grad Ball. The prizewinners were:

Weekend for two at the Holiday Inn compliments of the Holiday Inn, Bramalea	Barry Levine
Set of profesional mask, snorkel and fins compliments of TAM Dive Ltd., Toronto	Ella Lund-Thomsen
10% Discount at Travel CUTS compliments of Travel CUTS	Chris Bouris
Pair of Leaf hockey tickets compliments of Carling O'Keefe	Ray Whitney
Drafting Board compliments of the Stores	Philip Jones
Pair of Toronto Symphony Orchestra tickets	Helen Humphrey
Squash racquet compliments of Centre Court	Mary Rhodes
Pair of tickets to Second City compliments of Second City	Joe Chiang
Engineering sweatshirt compliments of Hart House Tuck Shop	Marisa Stellato
Free tuxedo rental compliments of Classy Formal Wear	Samuel Kwok
$50 gift certificate at Eaton's	Dennis Szechy
Pair of hockey tickets	Gordon Farlie



Eng Soc Centennial Approaches . . .



Centennial Bike Design Meeting
Wednesday, March 7
at 5 pm in WB143

Cenntennial Committee Meeting
Thursday, March 8
at 5 pm in WB143

PLEASE NOTE DATE CHANGES

Nominations Close March 14th

EAA Executive Wants You!

Every March there is a changing of the 'guard' here at U of T as countless organizations 'inject new blood.' The Engineering Athletic Association is one such group.

Each year the President is selected by a vote of all engineering students held in conjunction with Eng Soc officers election. The other positions on the E.A.A. Executive are described below. (For a list, see inset.) All students are automatically members of the E.A.A. as a whole and anyone may apply for these executive positions. If interested, please fill out an application and place it in the Eng Soc mailbox marked E.A.A. President by Wednesday, March 14 at 12 noon.

Secretary/Treasurer

The Secretary/Treasurer must keep the E.A.A. books, and prepare them for the yearly audit as well as taking minutes at all meetings.

Directors

There is a Director of Men's Athletics and Director of Women's Athletics who supervise the activities of their respective commissioners. These individuals represent Engineering athletics at the interfaculty level and sit on the Department of Athletics and Recreation's Intramural Sport Committees.

The Director of Publicity coordinates all E.A.A. advertising. This executive member is responsible for writing articles in *the Cannon* and *Toike Oike*, posting schedules and generally promoting athletic activities to the students.

The E.A.A. had a Director of Tournaments for the first time in 1983-84. Engineering tournaments (with teams from various classes) are the responsibilty of this Director.

Commissioners

A men's or women's commissioner oversees every sport where Engineering fields a team. These commissioners must attend all E.A.A. meetings, enter their teams into the interfaculty leagues and sit on the Department of Athletics and Recreation's standing committee for their sport. It is the commissioner's job to find managers for all team and inform the players of pertinent information through the managers.

Equipment Manager

This person is responsible for the purchasing and distribution of all equipment. Equipment records and inventories must also be maintained and updated. A significant amount of time must be spent at the beginning and end of each season to organize equipment distribution and collection. Thus, on successful completion of the job, a financial honorarium will be given to this individual.

E.A.A Executive Positions

Secretary/Treasurer
Director of Men's Athletics
Director of Women's Athletics
Director of Publicity
Director of Tournaments
Equipment Manager
and Commissioners *for*

Co-eds
Skiing

Men's		Women's	
Soccer	Volleyball	Soccer	Volleyball
Lacrosse	Squash	Football	Squash
Football	Aquatics	Basketball	Hockey
Rugby	Hockey	Aquatics	
Basketball			

Volleyball, Fun, Wow!

Paul Hamel
EAA Tournament Director

Well, the nets are down, the balls put away and the crowd has dispersed for yet another year. This tournament featured some excellent volleyball that was thrilling for all who watched. In the consolation final, Mech 8T5 ousted Frosh B, 2 games to 1. (Thank God! Imagine a frosh team winning.) The scores were 11-1, 7-11, 11-7.

In the final game, the Eng Sci 8T4 Quasipseudostrikers outlasted the Elec 8T4 Bugs (sorry . . . Roaches) in the most highly contested match of the day. The final score was 12-15, 16-14, 15-6.

My deepest thanks go to Dave Stubbings who gave his day to help out and thanks also to Luis Goncalves, Marty Wildberger and Glyn Jones. Thanks also to all who participated.

Skiing Victories and Other Championship Prospects

Engineers Compete and Win

Hockey

Both men's teams representing Engineering in the interfaculty league have had successful regular seasons. The senior team is peaking for the playoffs, having won their last two games against traditional powerhouses Scarborough and Erindale. In intermediate hockey (the league entered by class teams) action, many Engineering teams reached the playoffs. The MMS Vacancies are of particular note, having placed second overall in the regular season.

The women's engineering hockey team completed its regular season with a 4-1 win against Law. Law knew all the rules but that wasn't enough against the great goaltending and shooting of the engineering team.

Watch the schedule for the time and date of our first playoff game. The team would appreciate continued fan support during the playoffs.

Basketball

The members of all three men's Engineering teams had enjoyable and eventful seasons. The 'B' team was most successful and head into the playoffs this week after a winning regular season.

Volleyball

Though participation was down this year, the Engineers who stuck it out all season had great success. The Engineering team in Division I have a good shot at the championship. In Division II, the Chem Eng team made a strong showing to reach post-season play. And the Eng Sci 8T4 Quasipseudostrikers caused havoc wherever possible.

In women's action, both teams have reached the playoffs but in very different fashions. The Division III team struggled slightly, finishing with a 3-3 record. On the other hand, the Division II team roared through the season, finishing first based on 7 wins and no losses.

Squash

Both men's and women's teams were busy during February. The women's Division II team seems to be the brightest light at the moment and have great hopes for a championship.

Skiing

For another year, the engineers had a very successful day on the slopes at the interfaculty Ski meet. Men's teams were champions in both the experienced and novice divisions. Leading teams to victory were Tom Steinke who placed first overall in the novice category and Eugene Trusler who was second amongst the experienced skiers. In the women's event, Leslie Scott placed first in the experienced division.

All team members are to be congratulated.

Engineering Alumni Athlete

The Alumni Athlete of the Month for February was Angela Facey, a member of Chem 8T4, seen here with Blake Goodings, Treasurer of the Engineering Alumni Association. Angela was extremely successful at the women's interfaculty swim meet, winning both the 25 yard freestyle and 25 yard buterfly races. Due to this outstanding performance, she was named individual champion of the meet. She is also a valuable member of the Division II squash team.

ar·ma·dil·lo \ˌär-mə- dil-(ˌ)ō\ *n* [Sp, fr. dim. of *armado* armed one, fr. L *armatus*] : any of several burrowing chiefly nocturnal edentate mammals (family Dasypodidae) of warm parts of the Americas having body and head encased in an armor of small bony plates in which many of them can curl up into a ball when attacked

(a Synonym for a popular Canadian beer.)